- India tourism offices overseas are in regular contact with the international media and travel trade to keep them updated on the ground situation in the country.

Upgradation of refineries

*305. SHRI MAHENDRA MOHAN:
SHRIMATI SHOBHANA BHARTIA:

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether the public sector oil companies propose to upgrade their refineries and to equip them to process high sulphur crude oil to cut their import bill;

(b) if so, the details thereof;

(c) the existing refining capacity of each of the refineries of the public sector oil companies and whether these capacities have been fully utilized in the last few years; and

(d) if so, the details thereof?

THE MINISTER OF PETROLEUM AND NATURAL GAS (SHRI MURLI DEORA): (a) and (b) The Public Sector Oil Companies are progressively increasing the processing of High Sulphur crude oil. Apart from the refineries designed for indigenous low Sulphur crude oil processing namely, the North Eastern Refineries (Digboi, Guwahati, Bongaigaon & Numaligarh), Indian Oil Corporation Limited (IOCL)-Barauni (part), IOCL-Gujarat (part) and Chennai Petroleum Corporation Limited (CPCL)-Nagapattinam, most of the refineries are equipped to process High Sulphur crude oil.

The Public Sector Oil Companies are regularly undertaking refinery upgradation projects for installation of high severity Fluidised Catalytic Converter, Delayed Coker Unit, Coker Hydrotreater Unit, etc. to optimize high sulphur crude oil processing based on economics, pollution levels and product demand. Moreover, Fuel quality upgradation projects are presently being executed at the refineries of the Public Sector Oil Companies to meet the stringent Environmental Norms. The High Sulphur Crude processing capability is expected to go up after these projects commissioning.

(c) and (d) Most of the refineries (except North Eastern refineries and CPCL-Nagapattinam) have achieved improved capacity utilization over the years. Half of the number of refineries have achieved full capacity (100%) utilization and overall industry average for the last three years has exceeded 100% capacity utilization.

The details of installed capacity, actual crude processed and capacity utilization by PSU refineries during last three years (2005-06, 2006-07 and 2007-08) are given in the statement.

Statement

Details of installed capacity, actual crude processed and capacity utilisation by PSU Refineries during the last three years

(Figures in TMT)

Refinery	2005-06			2006-07			2007-08		
	Installed capacity	Crude processed	% Capacity Utilization	Installed capacity	Crude processed	% Capacity Utilization	Installed capacity	Crude processed	% Capacity Utilization
1	2	3	4	5	6	7	8	9	10
IOCL - Guwahati	1000	864.3	86.4	1000	839.1	83.9	1000	920.0	92.0
IOCL - Barauni	6000	5553.7	92.6	6000	5469.1	91.2	6000	5634.3	93.9
IOCL - Koyali	13700	11540.3	84.2	13700	12953.1	94.5	13700	13714.0	100.1
IOCL - Haldia	6000	5502.0	91.7	6000	5836.3	97.3	6000	5714.5	95.2
IOCL - Mathura	8000	7937.6	99.2	8000	8882.9	111.0	8000	8033.2	100.4
IOCL - Digboi	650	614.9	94.6	650	586.3	90.2	650	563.5	86.7
IOCL - Panipat	6000	6506.6	108.4	7500	9435.2	125.8	12000	12821.0	106.8
CPCL - Manali	9500	9680.0	101.9	9500	9784.0	103.0	9500	9801.6	103.2
CPCL - Nagapattinam	1000	682.0	68.2	1000	618.0	61.8	1000	464.1	46.4
BRPL - Bongaigaon	2350	2356.2	100.3	2350	2067.3	88.0	2350	2019.7	85.9
HPCL - Mumbai	5500	6249.0	113.6	5500	7418.9	134.9	5500	7355.5	133.7

1	2	3	4	5	6	7	8	9	10
HPCL - Visakh	7500	7574.0	101.0	7500	9244.5	123.3	7500	9409.5	125.5
MRPL - Mangalore	9690	12014.0	124.0	9690	12531.7	129.3	9690	12547.0	129.5
BPCL - Mumbai	8650	10300.0	119.1	12000	12041.1	100.3	12000	12746.0	106.2
BPCL - kochi	7500	6900.0	92.0	7500	7743.3	103.2	7500	8200.1	109.3
NRL - Numaligarh	3000	2132.6	71.1	3000	2503.9	83.5	3000	2568.5	85.6
ONGC- Tatipaka	66	93.276	141.33	66	94.273	142.84	66	62.563	94.79
Industry	96106	96500.476	100.41	100956	108048.973	107.03	105456	112575.063	106.76

Note: IOCL - Indian Oil Corporation Limited

CPCL - Chennai Petroleum Corporation Limited

BRPL - Bongaigaon Refinery & Petrochemicals Limited

HPCL - Hindustan Petroleum Corporation Limited

MRPL - Mangalore Refinery & Petrochemicals Limited

BPCL - Bharat Petroleum Corporation Limited

NRL - Numaligarh Refinery Limited

ONGC - Oil & Natural Gas Corporation Limited